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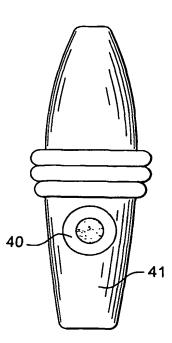
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(54) Title: MAKE-UP PROCESSES AND PROCESSES FOR APPLICATION OF A SKIN CARE PRODUCT, AND DEVICES USED IN THE IMPLEMENTATION OF SUCH PROCESSES



(57) Abstract: The present invention relates to a process for the application of a cosmetic product (P), including a skin care product, excluding depilatory waxes, this product being contained in a packaging device, the process including the following stages: placing the packaging device in a microwave oven, raising the temperature of the product (P) by exposing it to microwave radiation inside an oven, applying the product by means of an applicator (160). The invention also relates to packaging devices for cosmetic product (P) capable of being heated in a microwave oven.



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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 A45D B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

	ENTS CONSIDERED TO BE RELEVANT					
Category °	lation of document, with indication, where appropriate, of the relevant passages Relevant to claim					
Y	US 6 485 730 B1 (GENTRY REBECCA PHILLIPS 1-3,5-7, ET AL) 26 November 2002 (2002-11-26) 9-19, 21-23,					
A	column 4, line 11 - line 42; c figures 1,3,4	30,31 34				
Y	GB 2 321 443 A (RECKITT & COLM 29 July 1998 (1998-07-29)	IAN FRANCE)	1-3,5-7, 9-19, 21-23, 30,31			
-	page 2, line 1 - line 10 page 12, line 7 -page 13, line	10	,			
A	US 5 674 268 A (RIAZI JOHN) 7 October 1997 (1997-10-07) column 3, line 45 -column 5, l figures 2-4	ine 13;	1,6,10, 22,23,26			
X Furth	er documents are listed in the continuation of box C.	-/ Patent family members are listed i	n annov			
		A activitating members are listed in	mannex.			
A' documer consider affiling de L' documer which is citation o' docume other m P' documer later the	nt which may throw doubts on priority claim(s) or s cited to establish the publication date of another or other special reason (as specified) nt referring to an oral disclosure, use, exhibition or leans nt published prior to the international filing date but an the priority date claimed	 "T" later document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 				
Date of the a	ctual completion of the international search	Date of mailing of the international sea	rch report			
25	5 June 2004	04/08/2004				
lame and m	ailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Hinrichs, W				

INTERNATIONAL SEARCH REPORT

Internat pplication No
PCT/EP 03/13698

C.(Continu	lation) DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/EP 03/13698		
Category °		Relevant to claim No.		
A	US 5 786 578 A (PARKER ROBERT ET AL) 28 July 1998 (1998-07-28) cited in the application column 5, line 10 - line 35; figure 2	10-13, 15,16		
А	DE 43 12 278 A (MUELLER GERHARD) 20 October 1994 (1994-10-20) cited in the application column 3, line 60 - line 64	1-3,5-7		
A	US 5 775 344 A (CLAY MARY A) 7 July 1998 (1998-07-07) cited in the application figures 1,5	1,5,29		
A	US 5 980 536 A (JAMALI PARVIN) 9 November 1999 (1999-11-09) column 3, line 49 -column 4, line 13; figure 1	1-4		
A	GB 2 273 026 A (WESTON EDWARD JOHN) 1 June 1994 (1994-06-01) page 13, paragraph 1; figure 1	33		
A	WO 00/43286 A (BARBESINO CLAUDIO ;ISTITUTO PROFILATTICO (IT)) 27 July 2000 (2000-07-27) cited in the application			
A	US 6 616 363 B1 (GUILLAUME BRUNO ET AL) 9 September 2003 (2003-09-09)			
	•			

INTERNATIONAL SEARCH REPORT

tion on patent family members

Interna pplication No
PCT/EP 03/13698

				_ 101/L1	03/13039
Patent document clted in search report		Publication date		Patent family member(s)	Publication date
US 6485730	B1	26-11-2002	NONE		
GB 2321443	Α	29-07-1998	AU	736748 B2	02-08-2001
			AU	5329698 A	17-07-1998
			BR	9713774 A	21-03-2000
			CA	2275431 A1	02-07-1998
			DE	69720063 D1	24-04-2003
			DE	69720063 T2	20-11-2003
			ĒΡ	0964627 A1	22-12-1999
			ES	2189990 T3	16-07-2003
			WO	9827845 A1	02-07-1998
			NZ	336172 A	23-02-2001
			US	6174319 B1	16-01-2001
US 5674268	A	07-10-1997			10-01-2001
			NONE		
US 5786578	A	28-07-1998 	NONE		
DE 4312278	A	20-10-1994	DE	4312278 A1	20-10-1994
US 5775344	Α	07-07-1998	NONE		
US 5980536	Α	09-11-1999	NONE		
GB 2273026	Α	01-06-1994	NONE		
WO 0043286	Α	27-07-2000	 IT	MI990084 A1	19-07-2000
			UΑ	2128900 A	07-08-2000
			BR	0008893 A	30-10-2001
			CA	2359671 A1	27-07-2000
			EP	1147056 A1	24-10-2001
			HU	0105100 A2	29-04-2002
			WO	0043286 A1	27-07-2000
			JP	2002535295 T	22-10-2002
US 6616363	B1	09-09-2003	AT	246648 T	15-08-2003
			AU	755467 B2	12-12-2002
			AU	3180400 A	09-10-2000
	•		BR	0009171 A	18-12-2001
			CA	2367276 A1	28-09-2000
			CN	1344216 T	10-04-2002
			DE	60004335 D1	11-09-2003
			EP	1163169 A1	19-12-2001
			ES	2203431 T3	16-04-2004
			MO	0056631 A1	28-09-2000
			GB	2347916 A ,B	20-09-2000
				2002540016 T	26-11-2002
			PL Za	350914 A1 200107665 A	10-02-2003
					09-06-2003